

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 10/03/2011

Control	0233-05-034
Project	STP 2012(062)
Highway	SH 54
County	CULBERSON

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: STP 2012(062)

CONTROL: 0233-05-034

COUNTY: CULBERSON

LETTING: 10/07/2011

REFERENCE NO: 1003

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: 1-2

X GENERAL NOTES (SH. NO.: A AND H (PLAN SHEET 4 AND 7)

_ SPEC LIST (SH. NO.:

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

_ SPECIAL SPECIFICATIONS:

ADDED:

DELETED:

X OTHER: PLAN SHEETS 3, 4, 7, 8, 9

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

BID INSERTS:

SHEET 1-2 CHANGE ITEM 3224-2026 TO ITEM 3224-2027.

GENERAL NOTES:

SHEET A (PLAN SHEET 4) - BASIS OF ESTIMATE - WITHIN ITEM 3224 - CHANGE
TY-C SAC-A TO TY-C SAC-B.

SHEET H (PLAN SHEET 7) - WITHIN ITEM 3224 - CHANGE "...AGGREGATE
classification (sac) of A" TO "...AGGREGATE CLASSIFICATION (SAC)
OF B".

PLAN SHEETS:

SHEET 3 - PROPOSED TYPICAL SECTION - CHANGE "...TY-C SAC-A" TO "...TY-C
SAC-B".

SHEET 4 - GENERAL NOTES CHANGE IN BASIS OF ESTIMATE.

SHEET 7 - CHANGE WITHIN ITEM 3224.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	134	2001		BACKFILL (TY A) DOLLARS CENTS and	STA	79.200	1
	150	2001		BLADING DOLLARS CENTS and	STA	79.200	2
	316	2707	016	ASPH (TIER III) DOLLARS CENTS and	GAL	10,560.000	3
	316	2719	016	AGGR (TIER III) DOLLARS CENTS and	CY	293.000	4
	500	2001	005	MOBILIZATION DOLLARS CENTS and	LS	1.000	5
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS CENTS and	MO	2.000	6
	506	2034	010	TEMPORARY SEDIMENT CONTROL FENCE DOLLARS CENTS and	LF	800.000	7
	662	2115		WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS CENTS and	EA	396.000	8
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS CENTS and	EA	1,980.000	9
	3224	2027		D-GR HMA(QCQA) TY-C SAC-B PG70-22 DOLLARS CENTS and	TON	2,904.000	10

PROJECT STP 2012(062)
COUNTY CULBERSON

PROPOSAL SHEET
TxDOT
FORM 234-B I-61-5M

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	8251	2006	005	RE PM W/RET REQ TY I(W)4"(SLD)(100MIL) DOLLARS and CENTS	LF	15,840.000	11
	8251	2015	005	RE PM W/RET REQ TY I(Y)4"(BRK)(100MIL) DOLLARS and CENTS	LF	1,980.000	12

Project Number:

Sheet:

County: Culberson

Control: 0233-05-034

Highway: SH 54

General Notes

****Basis of Estimate**

ITEM	DESCRIPTION	RATE
314	Emulsified Asphalt Treatment	0.2 GAL/SY
316	Surface Treatments	
	Aggr (TIER III)	110 SY/CY
	Asphalt (TIER III)	0.40 GAL/SY
3224	Dense Graded Hot-Mix Asphalt (QC/QA)	
	D-GR HMA (QCQA) TY-C SAC-B PG 70-22	110 LBS/SY/IN

****Basis of Estimate is for Contractor's information only.**

General

This contract is for the rehabilitation/hot-mix overlay of SH 54 from 4.5 miles North of B10 to 3.0 miles North of B10 in Culberson County.

Maintain the entire project area in a neat and orderly manner throughout the duration of the work.

Potential habitat for the Texas Horned Lizard (*Phrynosoma Cornutum*) and the Western Burrowing Owl (*Athene cunicularia hypugaea*) may exist within the project limits. If either of these species are encountered during construction, cease work in the immediate area, do not disturb species or habitat, and contact the Engineer immediately.

Item 4 – Scope of Work

Confine construction operations to accommodate traffic through the work areas in accordance with the traffic control plan standards.

Provide a well-maintained roadway at all times. Provide a minimum 24-foot roadway during non-work periods.

Maintain all contract items until final acceptance of the project.

Item 5 – Control of the Work

Stationing as shown in the plans is approximate.

Item 7 – Legal Relations and Responsibilities

Maintain access to adjacent property at all times.

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When applicable, comply with all requirements of the environmental permits issues and commitments (EPIC) Sheets.

Item 8 – Prosecution and Progress

Contractor determined start date is required for this project in accordance with Special Provision 008-006 (60 day).

This project is to be completed in 20 working days in accordance with Section 8.3.A.4, “Standard Work Week.”

Begin work on the roadway no less than 30 minutes after sunrise and remove all machines from the roadway by 30 minutes before sunset or as directed.

Provide proof of flagger/trainer certification for all flaggers prior to any construction activities.

Once a work order had been issued by the State, submit a Proposed Sequence of Construction for the entire project to the Engineer. Upon approval, such sequence will constitute the construction procedure for this project. No changes will be permitted in the approved sequence except as approved in writing.

Prepare the progress schedule as a Bar Chart conforming to Item 8.2.B. Show an estimated production rate per working day for each work activity.

Transmit project schedule revisions with monthly updates to the Engineer. Monthly schedule updates are a very important aspect of managing the progress of this project. The Engineer may withhold the monthly estimate if the schedule update is not received.

Work to be sequenced in order to complete a section of roadway to the extent that all lanes are open to traffic during the hours of darkness unless otherwise approved.

Keep traveled surfaces used in hauling operations clear and free of dirt or other material.

All aggregate stockpile sites will be approved prior to delivery. Upon completion of all work on the project, all stockpile sites will be cleared to the satisfaction of the Engineer. Any remaining aggregate at the stockpile sites will be disposed as directed.

Limit all haul trucks used during seal coat operations to a maximum volume of 14 cubic yards.

The exact location of all beginning and ending seal coat work zone limits to be as directed.

Plan elevation datum is based on USGS Datum and benchmarks have been set.

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Horizontal and vertical alignment data and design roadway cross section data are available in print or electronic format upon request.

Protect from damage, or destruction, all areas of the right of way which are not included in the actual limits of the proposed construction areas. Exercise care to prevent damage to trees, vegetation, and other natural features.

Conduct operations such that all equipment is at least 30 feet from the roadway during non-work periods.

Maintain all contract items until final acceptance of the project.

Item 9 – Measurement and Payment

Submit Material-On-Hand payment requests at least **three working days** prior to the end of the month for payment on that month's estimate.

Item 150 – Blading

Remove existing material from the pavement edge six foot wide and 3" deep and windrow the material.

Blading work will be used as directed.

Item 134 – Backfilling Pavement Edges

Provide material that consists of a suitable granular material free from vegetation or other deleterious matter, and that is suitable for forming stable backfill in the opinion of the Engineer.

Furnish backfill material consisting of Type A.

Place backfill material before placing final course.

Use only approved material.

After shaping and compacting the backfill, place the windrowed material over the backfill and track material. This work will not be paid for directly, but will be considered subsidiary to this item.

Backfill pavement edges to allow for no more than a 3:1 slope from pavement edge to existing ground.

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Apply emulsified asphalt using asphalt SS-1, CSS1, or MS-2 for mulch spray application or as directed. This is considered subsidiary to this Item.

Item 316 – Surface Treatments

The exact location of all beginning and ending seal coat work zone limits to be as directed.

The rates and quantities shown are for estimating purposes only. The contractor will be paid for actual work performed which may be more or less than indicated on the Basis of Estimate.

Upon completion of the project, clean all stockpile sites to the satisfaction of the Engineer. Dispose of any remaining aggregate at the stockpile sites as directed.

Surface treat all paved turnouts.

The open season for application of AC asphalt is from May 1st through September 15TH only, unless otherwise approved.

The flakiness index for the aggregate, as determined by Test Method TEX-224-F will not exceed 14.

A surface aggregate classification of “B” is required for this item.

Furnish two medium pneumatic-tire rollers in accordance with Item 210 – “Rolling.”

Broom all surplus aggregate from the roadway before opening to traffic. Dispose of any excess aggregate as directed.

Schedule the placement width for all asphalt surfaces in a manner such that all joints will coincide with proposed lane lines (+/- 6 inches).

Some miscellaneous areas or portions of areas to be surface treated may require more labor intensive methods for placement of materials, including manual work. This work will be as directed and considered subsidiary to the various bid items.

Do not cover survey monuments, manholes, and valve covers, etc., that exist on the roadway with surface treatment. The Engineer will locate these locations prior to surface treating each section of roadway.

Asphalt storage tanks may be used.

Place a string line or other suitable marking to assure smooth neat lines where needed or as directed. Remove the string-line daily.

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Consider all widened overflow and curve sections part of the roadway and surface treat accordingly.

The actual rate of asphalt and aggregate application will be specified prior to application. The rates of application shown on basis of estimate table are for estimating purposes only.

Locate all material stockpiles for Item 302 - "Aggregates for Surface Treatments" in a manner which complies with the Traffic Control Details.

Item 502 – Barricades, Signs, and Traffic Handling

Once a month, the Contractor's responsible person for TCP Compliance will accompany department personnel on a least one daytime inspection and one nighttime inspection of the traffic control devices used on the project.

In addition to providing a Contractor's responsible person and a phone number for emergency contact, have an employee(s) available to respond on the project for emergencies and for taking corrective measures within 30 minutes.

Provide two (2) flashing arrow panels and two (2) flaggers. Station one (1) flagger and one (1) arrow panel at each end of the work zone. Set the arrow panels in the caution mode. Provide two-way radio communication to all flaggers. Use an automotive pilot vehicle with a "G20-4" sign attached. The duration of delay to the public due to the utilization of the pilot vehicle, or due to the work, is not to exceed five (5) minutes.

Remove signs that do not apply to current conditions at the end of each day's work. Erect signs reading "No Center Stripe" at each end of areas where no center stripe exists. Where possible, locate the signs at each end of the project in such a manner that drivers can read the sign and immediately see the change from marked center stripe to no center stripe. The CW8-12 "No Center Stripe" sign may be supplemented with the CW21-16 "next (X) miles" below it.

Provide one high-intensity, yellow, rotating dome light on equipment such as distributors, spreader boxes, lay-down machines, rollers, back hoes, road graders, loaders, etc. Mount lights to be visible from all directions, and in use when the equipment is within 30 ft. of the travel way. Provide emergency flashers on all other equipment such as trucks, trailers, autos, etc., and use in the work site.

Existing regulatory signs, route marker auxiliaries, guide signs, and warning signs that must be removed, due to widening, will be relocated temporarily and erected on approved supports at locations shown in the plans or as directed. This work will not be paid for directly, but will be considered subsidiary to this Item.

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Use Type "C" Flashing Arrow Panel in connection with all lane closure signing. The Contractor will be responsible for furnishing, maintaining and operating these devices in a manner acceptable to the Engineer at the Contractor's expense.

Refer to the "Barricade and Construction Standards" BC-(1-12)-07 and to the current T.M.U.T.C.D. for additional information pertaining to channelization, signing, spacing details, and flagging procedures required to regulate, warn, and guide traffic through the project.

Special attention is directed to the notes contained in the traffic control plan sheets. Various notes may describe certain subsidiary and/or additional work required of the Contractor. This work will be considered part of pay item 502.

Fill any holes left by barricade or sign supports and restore the area to its original condition.

Barricades, Signs, and Traffic Handling are plan quantity items. If time is suspended, no additional compensation will be made.

Do not place temporary striping until all work is complete or as directed.

Signs ECW8-7 (Loose Gravel), SCW21-2 (Fresh Oil), and CW21-16 (Next XX Miles) are for intermittent use as construction activities warrant. Mount signs on portable supports at the appropriate warning sign spacing and use when directed.

Upon completion of the project, thoroughly clean the project areas and stockpile locations of all construction materials before barricades may be removed.

Some signs, barricades and channelization devices might not be shown at precise or measured locations and/or positions. Place these barricades, signs and channelization devices in positions to meet field conditions as approved.

Item 506 – Temporary Erosion, Sedimentation, and Environmental Controls

A Notice of Intent is not required for this project.

The total disturbed area for this project is 2.91 acres. The soil disturbed area in this project, all project locations in the contract, and Contractor Project Specific Locations (PSLs), within one mile of the project limits, for the contract will further establish the authorization requirements for Storm Water Discharges. The Department will obtain an authorization to discharge storm water from the Texas Commission on Environmental Quality (TCEQ) for the construction activities shown on the plans. The Contractor is to obtain any required authorization from the TCEQ for any contractor PSLs for construction support activities on or off right of way. When the total area disturbed for all projects in the contract and PSLs within one mile of the project limits exceeds five acres, provide a copy of the Contractor NOI PSLs on the right of way to the Engineer (to the appropriate MS4 operator when on an off-State system route).

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Place sediment control fence in designated locations. State forces will remove silt fence.

Item 662 – Work Zone Pavement Markings

Tabs will be placed according to TCP (7-1).

Remove the temporary tabs upon completion of the final striping by an approved method.

Remove tabs after standard pavement markings have been placed. Cut off tabs or remove by an acceptable method. Properly dispose of tabs upon completion of the final striping. This work is considered subsidiary to various bid items.

Place tabs at 40-foot intervals.

Place tabs after the milling operations, seal coat operations, and hot-mix operations.

If tabs are left in place more than 14 days, place temporary (water base) pavement markings until permanent standard pavement markings are placed at no cost to the State.

Item 672 – Raised Pavement Markers

Place raised pavement markers in accordance with the Standard PM (2)-10.

Place raised pavement markers after completion of final striping at a spacing of one raised pavement marker per eighty feet broken center stripe and one raised pavement marker per forty feet solid center stripe.

Do not place raised pavement markers when the pavement surface temperature is below 60° Fahrenheit.

Removal of all existing raised pavement markers will be considered subsidiary to the various bid items for payment.

Item 3224 – Dense-Graded Hot-Mix Asphalt (QC/QA)

Provide a summary spreadsheet for each lot in accordance with Article 520.2 of the Standard Specifications.

PG 70-22 asphalt is required for this project.

Use Type AC or PG asphalt for tack coat.

Supply warm mix under this Item.

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This Item will govern for all hot mix operations.

Apply tack coat to existing pavement. The tack coat will be a mixture of 75% emulsion and 25% water or as directed.

Use an aggregate with a surface aggregate classification (SAC) of B.

The use of fractionated rap will be optional for this item. Refer to Special Provision 341-024 for further information.

Design the mixture at 75 gyrations (NDES).

The use of petroleum-based solvents in the beds of the hot mix asphalt delivery vehicles is not permitted.

An edge drop off greater than 1 inch will not be allowed. Any correction to meet this requirement will be at no cost to the State.

Item 8251 – Reflectorized Pavement Markings Ty I

Remove temporary tabs, by an approved method by the Engineer, upon the completion of the final striping.

Furnish Type II glass traffic beads that conform to DMS-8290.

Reference and maintain records of existing striping in order to stripe the roadway as it was prior to surface treatments.